

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

In the claims

- 1.-23. (Canceled)
24. (New): An apparatus for temporarily buttressing a neck of an aneurysm within a vessel wall, the apparatus comprising:
a delivery wire having a proximal end and a distal end; and
an expandable and contracted scaffold positioned at the distal end of the delivery wire, the scaffold being configured wherein, when placed within the vessel at a location adjacent the aneurysm neck, the scaffold prevents escape of embolic agents from the aneurysm while allowing blood flow through the vessel.
25. (New): The apparatus of claim 24, wherein the scaffold comprises fibers.
26. (New): The apparatus of claim 25, wherein the fibers comprise a metal.
27. (New): The apparatus of claim 25, wherein the fibers comprise a polymer.
28. (New): The apparatus of claim 24, wherein the scaffold comprises a plurality of open cells.
29. (New): The apparatus of claim 24, wherein the scaffold comprises a mesh.
30. (New): The apparatus of claim 24, wherein the scaffold comprises a braid.
31. (New): The apparatus of claim 24, wherein the scaffold comprises an array of wires helically spaced from each other.

32. (New): The apparatus of claim 24, wherein the scaffold has a cylindrical midsection.

33. (New): The apparatus of claim 24, wherein the scaffold has a midsection wherein at least a portion of the midsection is covered by a film.

34. (New): The apparatus of claim 33, wherein the film is piercable or foraminous.

35. (New): The apparatus of claim 24, wherein the scaffold has a tapered distal end.

36. (New): The apparatus of claim 24, wherein the scaffold has a tapered proximal end.

37. (New): The apparatus of claim 24, wherein the scaffold is expandable to the diameter of the vessel.

38. (New): The apparatus of claim 24, wherein the scaffold is contractable to fit within a lumen of a microcatheter.

39. (New): The apparatus of claim 24, wherein a radial or longitudinal dimension of the scaffold is changeable.

40. (New): The apparatus of claim 24, further comprising a tracking tip coupled to a distal end of the scaffold.

41. (New): The apparatus of claim 24, wherein the scaffold is detachable from the delivery wire.

42. (New): The apparatus of claim 24, wherein delivery wire is hollow.

43. (New): The apparatus of claim 42, further comprising a control wire extendable through the delivery wire and attached to the distal end of the scaffold.

44. (New): The apparatus of claim 43, wherein the control wire comprises a tracking tip at a distal most end.

45. (New): The apparatus of claim 24, wherein an inflatable and deflatable balloon is arranged within the scaffold.

46. (New): The apparatus of claim 45, wherein the balloon is pressurizable and depressurizable by a fluid transmittable through the hollow delivery wire to the balloon.

47. (New): The apparatus of claim 41, wherein the fluid is a liquid medicament.

48. (New): A system for temporarily buttressing a neck of an aneurysm within a vessel wall, the system comprising:

a delivery wire having a proximal end and a distal end;
an expandable and contractable scaffold positioned at the distal end of the wire, the scaffold being configured wherein, when placed within the vessel at a location adjacent the aneurysm neck, the scaffold prevents escape of embolic agents from the aneurysm while allowing blood flow through the vessel; and

a microcatheter sized for delivery within the vessel, wherein the microcatheter defines a lumen sized for delivery of the delivery wire therethrough.

49. (New): The system of claim 48, wherein the microcatheter is sized to allow for passage of an embolic delivery catheter alongside the scaffold.

50. (New): The system of claim 48, wherein the scaffold is configured to allow passage of an embolic delivery catheter through the scaffold.